

(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11)特許出願公開番号
特開2001-136891
(P2001-136891A)

(43)公開日 平成13年5月22日(2001.5.22)

(51) Int.Cl.⁷
A 0 1 M 23/00

識別記号

F I
A 0 1 M 23/00

テーマト* (参考)

A 2 B 1 2 1

審査請求 未請求 請求項の数1 OL (全 5 頁)

(21)出願番号 特願平11-320926

(22)出願日 平成11年11月11日(1999.11.11)

(71)出願人 390026985

株式会社ムツシュ

東京都千代田区岩本町2丁目8番5号

(72)発明者 山本 将生

東京都千代田区岩本町2丁目8番5号 株式会社ムッシュ内

(74) 代理人 100065086

弁理士 前田 清美

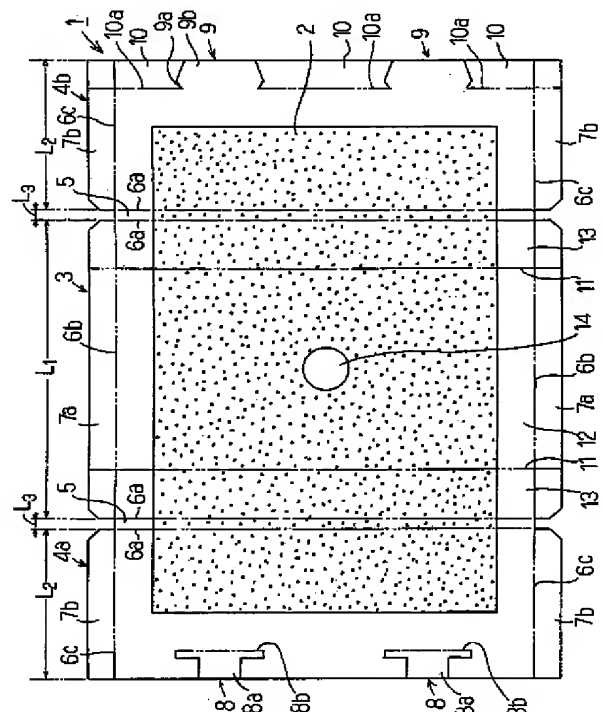
Fターム(参考) 2B121 AA03 BA01 BA36 BA42 CC12
EA01 FA01

(54) 【発明の名称】 ねずみ取り

(57) 【要約】

【課題】粘着剤層を屋根板部の内側にも設けることができてねずみの捕獲率が高く、しかも梱包用にコンパクトに折り畳むことのできるねずみ取りを提供する。

【解決手段】中央部台紙３と、この中央部台紙に連設された左右の側部台紙４a、４bとの間に、幅が台紙の厚さの２倍以上である背部５が折目６aによって形成され、前記中央部台紙、左右の側部台紙および背部よりなる台紙１の上面に粘着剤層２が形成され、前記中央部台紙と左右の側部台紙の各前後辺部に台紙の上面側に折り重ねできる折り重ね薄片７a、７bを有し、前記左右の側部台紙の遊端辺部に、互いに係合可能な雌雄の係合部８、９が形成され、前記中央部台紙３の前後方向に、中央部台紙を中央の底板部１２と左右の腰板部１３とに折り曲げ可能に区画する２本の折目１１、１１を形成した。



【特許請求の範囲】

【請求項1】中央部台紙と、この中央部台紙に連設された左右の側部台紙との間に、幅が台紙の厚さの2倍以上である背部が折目によって形成され、前記中央部台紙、左右の側部台紙および背部よりなる台紙の上面に粘着剤層が形成され、前記中央部台紙と左右の側部台紙の各前後辺部に台紙の上面側に折り重ねできる折り重ね薄片を有し、前記左右の側部台紙の遊端辺部に、互いに係合可能な雌雄の係合部が形成され、前記中央部台紙の前後方向に、中央部台紙を中央の底板部と左右の腰板部とに折り曲げ可能に区画する2本の折目を形成してなるねずみ取り。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は粘着式のねずみ取りに関する。

【0002】

【従来の技術とその問題点】台紙に塗布した粘着剤によりねずみを捕獲する粘着式のねずみ取りには各種のタイプのものがあり、そのひとつのタイプとして図8に示すような筒状に組み立てて使用するものがある。

【0003】このタイプのものは、底板部51の各左右辺部に形成した左右の腰板部52に続いて左右の屋根板部53を連設し、一方の屋根板部の遊端辺に形成した差込片54を他方の屋根板部の遊端辺部にあけた孔55に挿入して筒状に組み立てるようになっており、梱包時には、図9に示すように腰板部52を90度折り曲げてからさらに屋根板部53を90度重ね折りした矩形筒状に組み立てて梱包している。なお、図8、9中の符号56は粘着剤層を示している。

【0004】上述した従来のねずみ取りでは、粘着剤層56が底板部51だけに設けられているので、ねずみの足に水分や油分が付着しているとねずみが粘着剤層の上に乗ってもねずみの足に粘着剤が付着しにくく、ねずみの捕獲率が低下するおそれがある。

【0005】この捕獲率低下の問題に対しては屋根板部53の内側にも粘着剤を塗布すればねずみの背にも粘着剤が付着してねずみをより確実に捕獲することができるようにはあるが、ねずみ取りを図9のように左右の屋根板部53を折り重ねて畳むと屋根板部どうしが粘り着いてしまうことから屋根板部に粘着剤層を設けることはできない。

【0006】

【目的】本発明の目的とするところは、粘着剤層を屋根板部の内側にも設けることができねずみの捕獲率が高く、しかも梱包用にコンパクトに折り畳むことのできるねずみ取りを提供することにある。

【0007】

【本発明の構成】上記目的を達成するために、本発明に係るねずみ取りは、中央部台紙と、この中央部台紙に連

設された左右の側部台紙との間に、幅が台紙の厚さの2倍以上である背部が折目によって形成され、前記中央部台紙、左右の側部台紙および背部よりなる台紙の上面に粘着剤層が形成され、前記中央部台紙と左右の側部台紙の各前後辺部に台紙の上面側に折り重ねできる折り重ね薄片を有し、前記左右の側部台紙の遊端辺部に、互いに係合可能な雌雄の係合部が形成され、前記中央部台紙の前後方向に、中央部台紙を中央の底板部と左右の腰板部とに折り曲げ可能に区画する2本の折目を形成した構造のものとしてある。

【0008】

【実施例】以下、本発明に係るねずみ取りの実施例を添付図面に示す具体例に基づいて詳細に説明する。本発明に係るねずみ取りは、ボール紙等よりなる台紙1の上面に、前後左右辺部の非粘着部を除いて粘着剤層2を形成してあり、この粘着剤層2は横断面が山と谷の連続する波型に形成されていて、粘着剤層2の最大厚さを台紙の厚さよりも小なるものとしてある。

【0009】台紙1は中央部台紙3と、その左右に側部台紙4a、4bが形成され、中央部台紙3と側部台紙4a、4b間に背部5を折目6aによって形成してある。前記側部台紙4a、4bの幅 L_2 、 L_2 はともに中央部台紙3の幅 L_1 の $1/2$ としてあり、かつ、前記背部5の幅 L_3 は少なくとも台紙の厚さの2倍以上としてある。

【0010】前記中央部台紙3の前後辺部には折り重ね薄片7aを折目6bによって形成してあり、また、左右の側部台紙4a、4bの各前後辺部にも折り重ね薄片7b、7bを折目6cによって形成してあって、中央部台紙の折り重ね薄片7aと側部台紙の折り重ね薄片7bとは前記背部5の部位で不連続となるよう独立して形成されている。

【0011】左右の側部台紙4a、4bの各遊端辺部にはそれぞれ互いに係合し得る雌係合部8と雄係合部9が形成されていて、雌係合部8は切り起し片8aを折目8bから台紙の上面側へ折り込むことで係合用の切欠部が形成されるようになっており、また、前記雄係合部9は右側部台紙4bの外端辺における雄係合部9に並ぶ折り込み片10を折目10aから台紙の上面側へ折り込むことで右側部台紙4bの遊端辺から突出させられるようにしてある。

【0012】前記雄係合部9は小幅首部9aに続いて大幅頭部9bが形成されていて、この大幅頭部9bは先細りとなっているが、最大幅部は前記雌係合部8の係合用切欠部の幅と同じかわずかに大となっている。

【0013】しかして、前記中央部台紙3の左右辺部寄りには折目11、11により、中央の底板部12と左右の腰板部13、13に区画されていて、前記折目11は折り重ね薄片7aを含む中央部台紙3の前後幅亘りに形成されており、折り重ね薄片7aを前後に広げた状態、

すなわち図1に示す展開平面図の状態において、前記折目11から左右の腰板部13、13を台紙の上面側へ立ち上げることができるようになっている。なお、図中の符号14はスペーサを示し、このスペーサは前記背部5の幅とほぼ同じ高さ、すなわち台紙の厚さの少なくとも2倍以上の高さを有するものとしてある。

【0014】上述のように構成した本発明のねずみ取りは、運搬、保管、販売の際には台紙1を図2に示すように、まず、前後の折り重ね薄片7a、7bを折目6b、6cで台紙1の上面に折り返し、次いで図3～5に示すように左右の側部台紙4a、4bを中央部台紙3側へ折り曲げ、各側部台紙4a、4bの折り重ね薄片7b、7bを中央部台紙3の折り重ね薄片7aへ重ねて観音扉状に三つ折りにする。

【0015】上述した三つ折りの状態において、側部台紙4a、4bの粘着剤と中央部台紙3の粘着剤とが向かい合わせになるが、側部台紙4a、4bと中央部台紙3との間の間隔は前後の折り重ね薄片7a、7b、背部5およびスペーサ13によって少なくとも台紙の厚さの2倍以上に離間されていて、台紙の厚さは粘着剤層2の最大厚さよりも大であるから、側部台紙4a、4bの粘着剤と中央部台紙3の粘着剤とが粘り着くことはまずない。

【0016】また、中央部台紙3の底板部12と腰板部13との間の折目11は、中央部台紙の上面側へ折り返されている折り重ね薄片7aによって折れ止めされ、中央部台紙が折れ曲がったり撓んだりすることがないようにになっている。

【0017】なお、ねずみ取りの出荷の際には上述のように三つ折りにしたねずみ取りを1個または複数個重ねて適宜の合成樹脂フィルムで包装したり、あるいは左右の側部台紙4a、4b間を粘着テープ15で止めて適宜の袋や箱に詰める。

【0018】ねずみ取りを使用する際には、上述した三つ折りの状態から、まず、図2に示すように左右の側部台紙4a、4bを観音開き様に開き、さらに図1のごとく前後の各折り重ね薄片7a、7bも開いてフラットな1枚物に展開する。

【0019】次に、左の側部台紙4aにおける雌係合部8の切り起し片8aを折目8bから切り起し、また、右の側部台紙4bにおける折り込み片10を折目10aから折り込む。

【0020】そして、中央部台紙3における左右の腰板部12、12を折目11で台紙1の上面側に折って立ちあげ、さらに左右の側部台紙4a、4bを押し合わせた状態では各側部台紙の雌雄の係合部8、9を係合せしめて屋根部16を形成し、図6、7に示すような筒状体形成する。

【0021】ところで、中央部台紙3前後の折り重ね薄片7aは、台紙を展開した状態では折目6bで折り曲げ

ることができるようになっているが、上述のように折目11で腰板部13を立ちあげると折り重ね薄片7aは中央部台紙3に続いて外側へまっすぐに保持され、折目6bで折り曲げることができなくなる。

【0022】すなわち、底板部12に続く折り重ね薄片7aの中央部分は底板部と同一平面となり、したがってねずみ侵入口の段差は台紙の厚さだけで、ねずみにあまり警戒心を与えずに済む。

【0023】上述のように筒状体形成したねずみ取りは、ねずみの出そうな場所（部屋の隅など）に置いて使用し、必要に応じて粘着剤層2の上にねずみの好む餌を載せておく。

【0024】ねずみは、部屋の隅あるいは溝やトンネル状の狭い通路を通りたがる習性があり、ねずみは部屋の隅に設置してある筒状にした本発明のねずみ取りの中へ入り込み、粘着剤層2の箇所まで入ると、中央部台紙3の粘着剤層2に足を取られ、しかも屋根部14の内側、すなわち側部台紙4a、4bの粘着剤層2がねずみの背中に粘り着き、ねずみは身動きができなくなって捕獲される。

【0025】なお、本発明のねずみ取りは、図1、2に示されるようなフラットな状態でそのまま床に置いて使用する場合もある。

【0026】

【発明の効果】本発明に係るねずみ取りは、ねずみが通り易い筒状に組立てて使用するので、ねずみが誘導されやすく、捕獲率が大である利点がある。

【0027】また、粘着剤層が底板部だけでなく屋根板部の内側にも形成されているので、例えばねずみの足に水分や油分が付着して粘着剤にくっつきにくい状態であったとしても、屋根板部内側の粘着剤がねずみの背中に粘り着き、ねずみを確実に捕獲することができる。

【0028】さらに、本発明に係るねずみ取りは出荷の際には観音扉状に三つ折りに折り畳まれてコンパクトに梱包することができ、この際、中央部台紙の粘着剤と左右の側部台紙の粘着剤とが向かい合わせとなるように折り畳まれるが、中央部台紙と側部台紙との間は、中央部台紙側の折り重ね薄片と側部台紙側の折り重ね薄片とが重ね合わされることで離間され、かつ粘着剤の塗布厚さは台紙の厚さすなわち折り重ね薄片の厚さよりも小としてあるので、粘着剤どうしがくっついてしまうのを防止することができる。

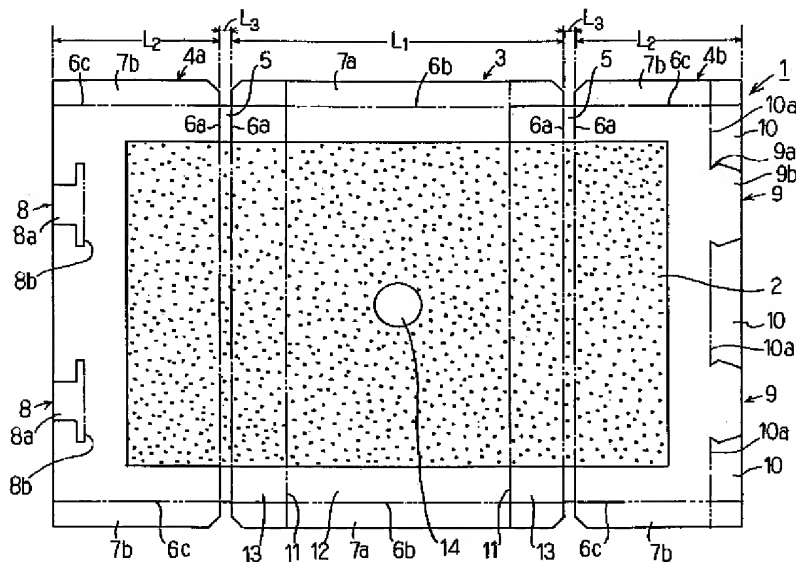
【0029】また、前記中央部台紙の折り重ね薄片は、中央部台紙の前後方向に形成した折目で腰板部を立ちあげると折り重ね薄片は中央部台紙に続いて外側へまっすぐに保持され、したがって、折り重ね薄片の中央部は底板部と同一平面となり、ねずみの侵入口には台紙の厚さ分の段差が生じるだけでねずみにあまり警戒心を与えず、十分な捕獲率を維持することができる。

【図面の簡単な説明】

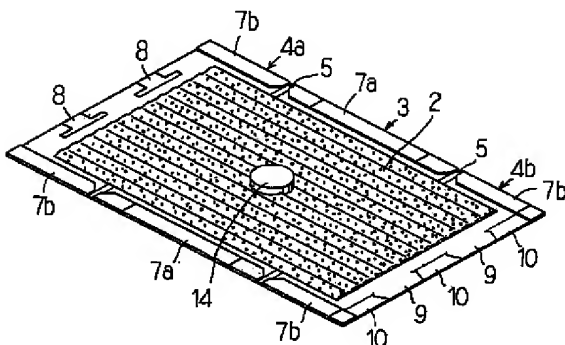
- 【図1】本発明に係るねずみ取りの展開平面図。
 【図2】折り重ね枠片を折り畳んだ状態を示す斜視図。
 【図3】本発明に係るねずみ取りを三つ折りに折り畳んだ状態を示す斜視図。
 【図4】同上の正面図。
 【図5】図4のV-V線縦断面図。
 【図6】本発明に係るねずみ取りの使用状態を示す斜視図。
 【図7】図6のVII-VII線縦断面図。
 【図8】従来のねずみ取りの一例を示す斜視図。
 【図9】従来のねずみ取りを梱包用に折り畳んだ状態を示す正面図。
- 【符号の説明】
- 1 台紙
 2 粘着剤層

- 3 中央部台紙
 4a、4b 側部台紙
 5 背部
 6a、6b、6c 折目
 7a、7b 折り重ね枠片
 8 雌係合部
 9 雄係合部
 10 折り込み片
 11 折目
 12 底板部
 13 腰板部
 14 スペーサ
 15 粘着テープ
 16 屋根部

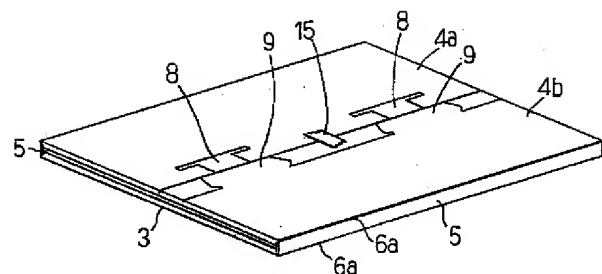
【図1】



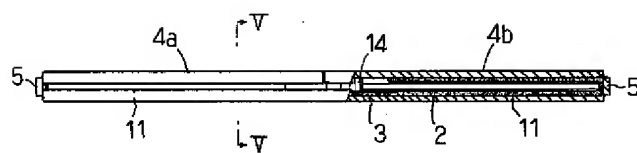
【図2】



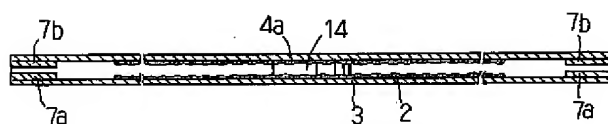
【図3】



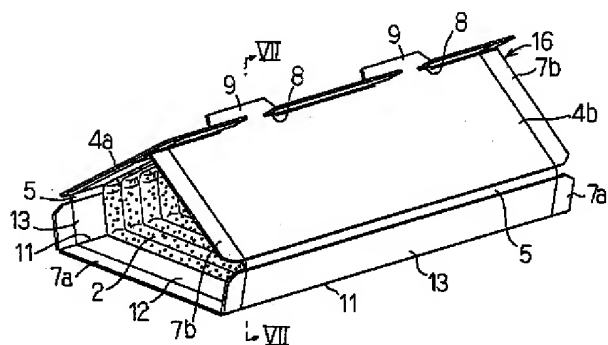
【図4】



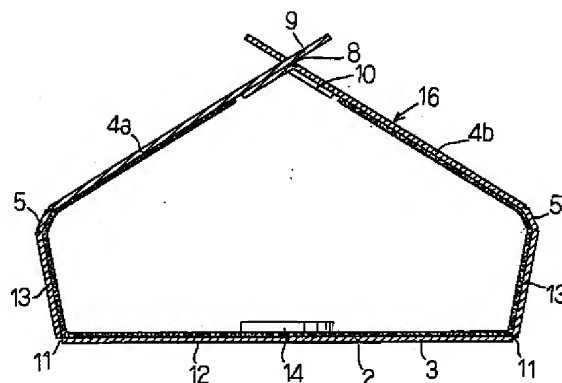
【図5】



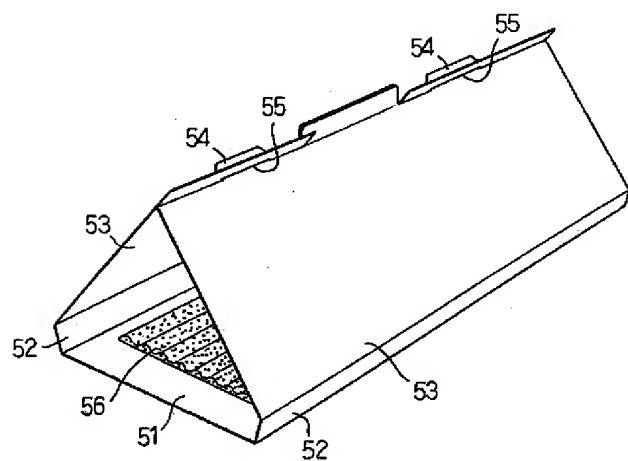
【図6】



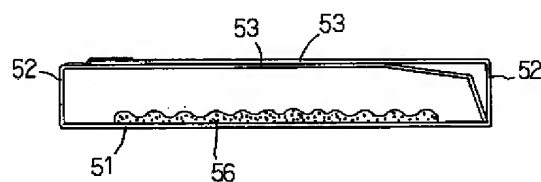
【図7】



【図8】



【図9】



PAT-NO: JP02001136891A
DOCUMENT-IDENTIFIER: JP 2001136891 A
TITLE: RATTRAP
PUBN-DATE: May 22, 2001

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|-----------------|----------------|
| YAMAMOTO, MASAO | N/A |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|-------------|----------------|
| MUSSHU:KK | N/A |

APPL-NO: JP11320926
APPL-DATE: November 11, 1999

INT-CL (IPC): A01M023/00

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a rattrap having an adhesive layer also at the inner side of a roof plate part to improve the trapping rate of the rat, and capable of being compactly folded for package.

SOLUTION: Back parts 5 having widths twice or more as long as the thickness of a mounting paper are formed by creases 6a between a center-part mounting paper 3 and side-part mounting papers 4a

and 4b formed so as to be connected to the center-part mounting paper 3, and an adhesive layer 2 is formed on the upper surface of the mounting paper 1 comprising the center-part mounting paper 3, the right and left side-part mounting papers 4a and 4b, and the back parts 5. Folding frame fragments 7a and 7b capable of being folded up on the upper surface of the mounting paper 1 is formed at each of the front and rear side parts of the center-part mounting paper 3 and the right and left side-part mounting paper 4a and 4b, and male and female engaging parts 8 and 9 capable of engaging with each other are formed at the free ends of the side parts of the right and left side-part mounting papers 4a and 4b. Two creases 11 and 11 for dividing the center-part mounting paper 3 into a center bottom plate part 12 and right and left wainscot parts 13 are formed so as to be folded.

COPYRIGHT: (C)2001,JPO

DOCUMENT 1/1
DOCUMENT
NUMBER
@: unavailable

JAPANESE

[JP,2001-136891,
A]

Drawing selection **Representative draw**

1. JP,2001-136891,
A

BACK

NEXT

MENU

SEARCH

HELP

CLAIMS DETAILED DESCRIPTION
TECHNICAL FIELD EFFECT OF
THE INVENTION TECHNICAL
PROBLEM EXAMPLE
DESCRIPTION OF DRAWINGS
DRAWINGS

[Translation done.]

ID=000002

* NOTICES *

**JPO and INPIT are not
responsible for any
damages caused by the use
of this translation.**

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

[Translation done.]

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]

[Field of the Invention]This invention relates to an adhesion-type rattrap.

[0002]

[Description of the Prior Art]There is a thing of various kinds of types in the adhesion-type rattrap which captures a rat with the binder applied to pasteboard, and there are some which are assembled and used for tubed as shown in drawing 8 as the one type.

[0003]This type of thing forms the shingle parts 53 on either side successively following the wainscot part 52 of the right and left formed in each right-and-left side part of the bottom plate part 51, inserts them in the hole 55 which opened in the free end side part of the shingle part of

another side the inserting piece 54 formed the free end neighborhood of one shingle part, and is assembled to tubed.

At the time of packing, as shown in drawing 9, after bending the wainscot part 52 90 degrees, the shingle part 53 is further assembled and packed up to the rectangular cylinder form which carried out the heavy chip box 90 degrees.

The numerals 56 in drawing 8 and 9 show the adhesive layer.

[0004]In the conventional rattrap mentioned above, since the adhesive layer 56 is formed only in the bottom plate part 51, if moisture and oil have adhered to the leg of a rat, even if a rat will ride on an adhesive layer, a binder does not adhere to the leg of a rat easily, and there is a possibility that the capturing rate of a rat may fall.

[0005]If a binder is applied also inside the shingle part 53 to the problem of this capturing rate fall, a binder can adhere also to the back of a rat and can capture a rat more certainly, but. If the shingle part 53 on either side is turned up like drawing 9 and a rattrap is folded, since shingle parts will be sticky and reach, an adhesive layer cannot be provided in a shingle part.

[0006]

[Objects of the Invention]An adhesive layer can be provided also inside a shingle part, the place made into the purpose of this invention has a high capturing rate of a rat, and there is in providing a rattrap compactly foldable to packing moreover.

[0007]

[Elements of the Invention]To achieve the above objects, a rattrap concerning this invention, Between center-section pasteboard and flank pasteboard of right and left formed successively by this center-section pasteboard, Regions of back whose width is more than twice the thickness of pasteboard are formed of a fold, and Said center-section pasteboard, An adhesive layer is formed in the upper surface of pasteboard which consists of flank pasteboard on either side and regions of back, It has a folding frame piece

turned up and made into an each order side part of said center-section pasteboard and flank pasteboard on either side at the upper surface side of pasteboard, It is considered as a thing of structure which an engagement part of a sex which can be engaged was mutually formed in a free end side part of flank pasteboard of said right and left, and formed two folds which divide center-section pasteboard to a central bottom plate part and a wainscot part on either side at a cross direction of said center-section pasteboard so that bending is possible.

[0008]

[Example]Hereafter, the example of the rattrap concerning this invention is described in detail based on the example shown in an accompanying drawing. The rattrap concerning this invention has formed the adhesive layer 2 in the upper surface of the pasteboard 1 which consists of boards etc. except for the non-adhesive area of a front and rear, right and left side part, the cross section is formed in the wave type with which a mountain and a valley continue, and this adhesive layer 2 has made maximum thickness of the adhesive layer 2 so-called smallness rather than the thickness of pasteboard.

[0009]The flank pasteboard 4a and 4b is formed in the center-section pasteboard 3 and its right and left, and the pasteboard 1 has formed the regions of back 5 by the fold 6a between the center-section pasteboard 3, the flank pasteboard 4a, and 4b. Both width L_2 of said flank pasteboard 4a and 4b and L_2 are set to one half of width L_1 of the center-section pasteboard 3, and said width L_3 of the regions of back 5 is made into more than twice the thickness of pasteboard at least.

[0010]Turn up to said center-section pasteboard 3 order side part, and the frame piece 7a is formed by the fold 6b, It turns up also to the each order side part of the flank pasteboard 4a and 4b on either side, and the frame pieces 7b and 7b are formed by the fold 6c,

and the folding frame piece 7a of center-section pasteboard and the folding frame piece 7b of flank pasteboard are independently formed so that it may become discontinuous by said part of the regions of back 5.

[0011]The female engagement part 8 and the male engagement part 9 which may be engaged mutually, respectively are formed in each free end side part of the flank pasteboard 4a and 4b on either side, The notch for engagement is formed by raising the female engagement part 8 and inserting in the piece 8a from the fold 8b to the upper surface side of pasteboard. It is made for said male engagement part 9 to be made to have projected from the free end neighborhood of the right side part pasteboard 4b by inserting in the piece 10 of insertion on a par with the male engagement part 9 in the outer edge neighborhood of the right side part pasteboard 4b from the fold 10a to the upper surface side of pasteboard.

[0012]A maximum width part is the same as the width of the notch for engagement of said female engagement part 8, or said male engagement part 9 has become large slightly, although the large head 9b is formed following the small neck 9a and this large head 9b is tapering off.

[0013]Carry out a deer and for right-and-left side part slippage of said center-section pasteboard 3 by the folds 11 and 11. It is divided by the central bottom plate part 12 and the wainscot parts 13 and 13 on either side, and said fold 11 is formed in the center-section pasteboard 3 order width **** containing the folding frame piece 7a, In the state which opened the folding frame piece 7a forward and backward, i.e., the state of the deployment top view shown in drawing 1, the wainscot parts 13 and 13 on either side can be started now from said fold 11 to the upper surface side of pasteboard. The numerals 14 in a figure shall show a spacer and this spacer shall have had the almost same height (thickness more than twice [at least] the height [i.e.,] of pasteboard) as said width of the regions of back 5.

[0014]The rattrap of this invention constituted as mentioned above, In the case of conveyance, storage, and sale, as shown in drawing 2, first the pasteboard 1 The folding frame piece 7a of order, 7b is turned up on the upper surface of the pasteboard 1 with the folds 6b and 6c, the flank pasteboard 4a and 4b on either side is bent to the center-section pasteboard 3 side so that it may be shown subsequently to drawing 3 - 5, and the folding frame pieces 7b and 7b of each flank pasteboard 4a and 4b are made into the shape of a Kannon door in piles to the folding frame piece 7a of the center-section pasteboard 3 at three fold.

[0015]In the three-fold state mentioned above, although the binder of the flank pasteboard 4a and 4b and the binder of the center-section pasteboard 3 become facing each other, The interval between the flank pasteboard 4a and 4b and the center-section pasteboard 3 The folding frame piece 7a of order, It is estranged more than the twice of the thickness of pasteboard at least by 7b, the regions of back 5, and the spacer 13, and since the maximum thickness halfbeak of the adhesive layer 2 is also size, the thickness of pasteboard does not have first that the binder of the flank pasteboard 4a and 4b and the binder of the center-section pasteboard 3 are sticky, and reach.

[0016]With the folding frame piece 7a turned up to the upper surface side of center-section pasteboard, the fold 11 between the bottom plate part 12 of the center-section pasteboard 3 and the wainscot part 13 breaks, is stopped and carried out, and center-section pasteboard bends or it bends.

[0017]In the case of shipment of a rattrap, one or more ratttraps made into three fold as mentioned above are packed with a proper synthetic resin film in piles, or between the flank pasteboard 4a on either side and 4b is stopped with the adhesive tape 15, and is filled in a proper bag and box.

[0018]When using a rattrap, from the three-fold state mentioned above, first, as shown in drawing 2, the flank

pasteboard 4a and 4b on either side is opened to Mr. double doors opening outward, and further, like drawing 1, each folding frame pieces 7a and 7b of order are also opened, and it develops in a flat one-sheet thing.

[0019]Next, the female engagement part 8 in the left flank pasteboard 4a starts, and the piece 8a is started from the fold 8b, and the piece 10 of insertion in the right flank pasteboard 4b is inserted in from the fold 10a.

[0020]And fold the wainscot parts 12 and 12 of the right and left in the center-section pasteboard 3 with the fold 11 in the upper surface side of the pasteboard 1, and they are started, You make it the engagement parts 8 and 9 of the sex of each flank pasteboard engaged in the state where furthermore worshipped the flank pasteboard 4a and 4b on either side, and it was made doubling, the roof section 16 is formed, and it forms in drawing 6 and a tube-like object as shown in 7.

[0021]By the way, where pasteboard is developed, can bend now the around three center-section pasteboard folding frame piece 7a with the fold 6b, but. It will turn up, if the wainscot part 13 is started with the fold 11 as mentioned above, and the frame piece 7a is straightly held outside following the center-section pasteboard 3, and it becomes impossible to bend it with the fold 6b.

[0022]That is, the center portion of the folding frame piece 7a following the bottom plate part 12 serves as the same flat surface as a bottom plate part, therefore the level difference of a rat place of entry is only the thickness of pasteboard, and seldom needs to give wariness to a rat.

[0023]The rattrap formed in the tube-like object as mentioned above is used putting on the places (corner of the room, etc.) out of which a rat is likely to come, and carries the food which a rat likes on the adhesive layer 2 if needed.

[0024]If it enters into the rattrap of this invention made tubed [to which a rat has a habit which wants to pass along the corner or slot on the room, or a

tunnel form narrow passage, and the rat is installed in the corner of the room] and enters to the part of the adhesive layer 2, A leg is taken by the adhesive layer 2 of the center-section pasteboard 3, and, moreover, the inside 2 of the roof section 14, i.e., the adhesive layer of the flank pasteboard 4a and 4b, is sticky and arrives at the back of a rat, and as for a rat, movement becomes impossible and it is captured.

[0025]The rattrap of this invention may be used as it is in drawing 1 and the flat state where it is shown in 2, putting on a floor.

[0026]

[Effect of the Invention]Since the rattrap concerning this invention is assembled and used for tubed [along which a rat tends to pass], a rat is easy to be derived and there is an advantage whose capturing rate is size.

[0027]Since the adhesive layer is formed not only a bottom plate part but inside the shingle part, even if it is in the state which moisture and oil have adhered, for example to the leg of a rat, and cannot adhere to a binder easily, the binder by the side of shingle circles is sticky, and arrives at the back of a rat, and a rat can be captured certainly.

[0028]The rattrap concerning this invention is folded up by three fold in the shape of a Kannon door in the case of shipment, and can pack it up compactly, in this case, are folded up so that the binder of center-section pasteboard and the binder of flank pasteboard on either side may become facing each other, but. Since it is estranged between center-section pasteboard and flank pasteboard by the folding frame piece by the side of center-section pasteboard and the folding frame piece by the side of flank pasteboard being piled up and spreading thickness of the binder is made small from the thickness of pasteboard, i.e., the thickness of a folding frame piece, It can prevent that binders adhere.

[0029]Will turn up, if the folding frame piece of said center-section

pasteboard starts a wainscot part with the fold formed in the cross direction of center-section pasteboard, and a frame piece is straightly held outside following center-section pasteboard, Therefore, the center section of the folding frame piece can serve as the same flat surface as a bottom plate part, and wariness can seldom be given to a rat only by the level difference for the thickness of pasteboard arising in the place of entry of a rat, but sufficient capturing rate can be maintained.

[Translation done.]

DOCUMENT 1/1
DOCUMENT
NUMBER
@: unavailable

JAPANESE

[JP,2001-136891,
A]

CLAIMS DETAILED DESCRIPTION
TECHNICAL FIELD EFFECT OF
THE INVENTION TECHNICAL
PROBLEM EXAMPLE
DESCRIPTION OF DRAWINGS
DRAWINGS

[Translation done.]

* NOTICES *

JPO and INPIT are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1]The deployment top view of the rattrap concerning this invention.

[Drawing 2]The perspective view showing the state where the folding frame piece was folded up.

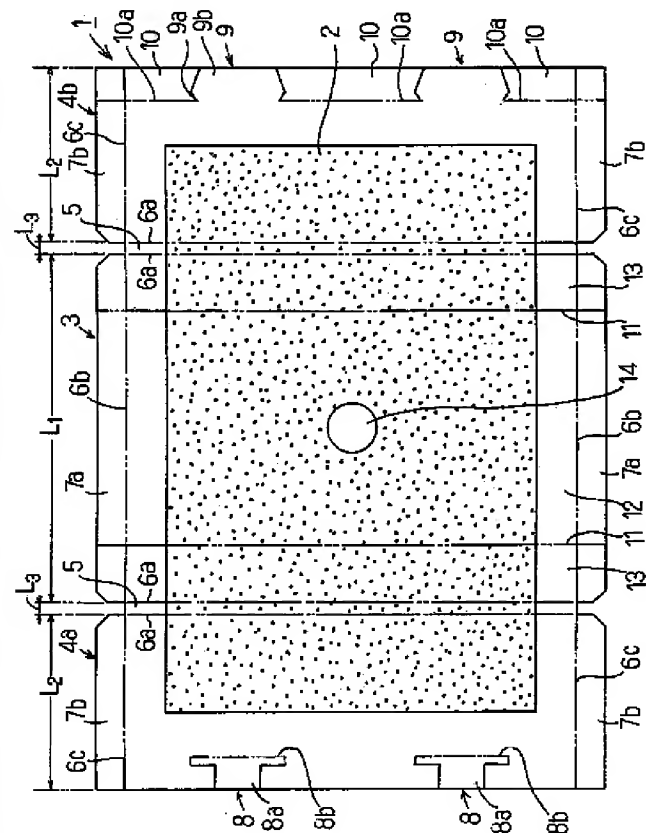
[Drawing 3]The perspective view showing the state where the rattrap concerning this invention was folded up to three fold.

[Drawing 4]A front view same as the above.

[Drawing 5]V-V line drawing of longitudinal section of drawing 4.

[Drawing 6]The perspective view showing the condition of use of the rattrap concerning this invention.

[Drawing 7]VII-VII line drawing of

Drawing selection **Representative draw**

[Translation done.]

longitudinal section of drawing 6.

[Drawing 8]The perspective view showing an example of the conventional rattrap.

[Drawing 9]The front view showing the state where the conventional rattrap was folded up to packing.

[Description of Notations]

1 Pasteboard

2 Adhesive layer

3 Center-section pasteboard

4a and 4b Flank pasteboard

5 Regions of back

6a, 6b, and 6c Fold

7a, 7b folding frame piece

8 Female engagement part

9 Male engagement part

10 The piece of insertion

11 Fold

12 Bottom plate part

13 Wainscot part

14 Spacer

15 Adhesive tape

16 Roof section

[Translation done.]